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Ev

EVERGREEN

SEEDLINGS

and

TRANSPLANTS

PLANTING GUIDE

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U. S. Department of Agriculture

Wholesale Price List

Fall - 1959

Spring - 1960

EXport 6-0702 - Holland

VANS PINES

INC.

WEST OLIVE
MICHIGAN

VANS PINES

INC.

WEST OLIVE, MICHIGAN

Telephone EX 6-0702



REFERENCES

Dun & Bradstreet, Inc.

Peoples State Bank, Holland, Michigan

First National Bank, Holland, Michigan

GROWERS OF

EVERGREEN SEEDLINGS

ORNAMENTAL EVERGREENS

HYBRID BLUEBERRIES

PLANTATION GROWN CHRISTMAS TREES

We invite any of our customers who travel through Michigan to stop and inspect our nursery and plantations.

All photographs contained in this catalog were taken of full sized trees growing in our nurseries or in one of our field plantings.

To Our Friends:

All stock listed in this catalog is grown from selected seeds collected by experienced foresters from all parts of the world. It has been our policy to always buy the best available. Sometimes this may cost us more but we feel that we will be producing a better grade of tree for our customers by following this policy.

As the seedlings grow they are given the best care possible. The nursery soil is treated to keep it clean and free of all nematodes and soil pests.

The young trees are fertilized and sprayed at intervals to insure good growth and to keep the trees healthy.

All stock is handled with the greatest care possible during the digging and sorting operation. The roots must be kept moist at all times and our employees are instructed to use the utmost care in sorting and packing.

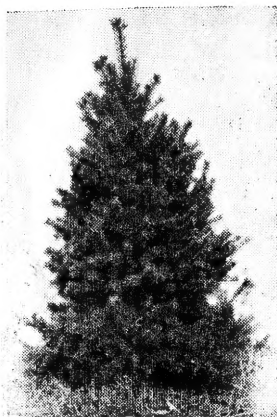
Trees are piled or packed in such a way that the buds and roots are protected from damage and breakage. Every effort is made to handle the stock so it will arrive in perfect condition.

We use the best packaging materials we can buy and follow all the latest methods of packing and shipping.

We are using every means at our disposal to ship you healthy top-quality stock which will grow into profits in the future.

We are one of the oldest Christmas tree companies in Michigan. Thirty years ago we were growing Scotch Pine even before there was a market for it. The first trees sent to market were difficult to sell because the public did not know what they were. During the years we have grown many of the different varieties of Scotch Pines and Spruces. Some of our plantations are now growing their third crop of Christmas trees.

This experience and background is being passed on to our customers in better stock and proper handling.



SCOTCH PINE

(*Pinus Sylvestrius*)

Presently the most popular of the Pines being grown for Christmas trees in the Eastern part of the United States. Prefers light well drained soils. Easily transplanted and responds very well to shearing. Varieties listed are most popular for Christmas tree production. Not considered good tree for pulp or lumber production.

See price list for available sizes and prices.

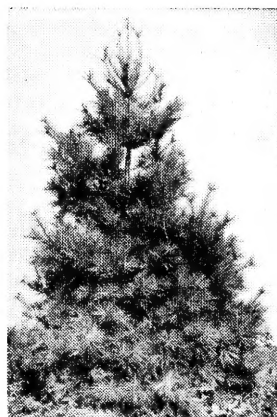
AUSTRIAN PINE

(*Pinus Nigra*)

Dark green needles on stout spreading branches. Will retain symmetrical shape even in larger tree. Austrian Pine has been used in the U.S. for 200 years as an ornamental and is still considered one of the finest pines for Ornamental or Christmas tree plantings. Grows well in light sandy soil or in heavy clay. Easily transplanted but does not respond to shearing as well as the Scotch Pine. Not considered as good as the native Pines for pulp or timber production.



See price list for available sizes and prices.



WHITE PINE

(*Pinus Strobus*)

Blue-green needles three to five inches long always borne in bunches of five and remain on the tree three to five years. Grows with a sturdy, gradually tapering trunk and horizontal limbs. White Pine thrives on deep sandy loams but will grow on a variety of soil conditions where adequate moisture is available. White Pine lumber ranks among the principal economic woods of

North America. Used for Christmas trees, ornamental, windbreak and lumber.

See price list for available sizes and prices.

NORWAY SPRUCE

(*Picea Excelsa*)

Shiny dark green needles, half to three quarter inch long. Symetrical, cone shaped trees with branches mainly in annual whorls. One of the fastest growing spruces, the Norway Spruce has been successfully planted on almost all types of soil except very sour or water-soaked. Makes good ornamental tree and a very fine Christmas tree. Although they transplant quite well they generally do not take off as rapidly as pine when put out into field plantations. Makes good pulp and lumber. Ornamental, Christmas tree, windbreak and border.



See price list for available sizes and prices.



WHITE SPRUCE

(*Piceas Glauca*)

Pale blue pointed needles one-third to two-thirds of an inch long growing singly from all sides of the twig characterize the White Spruce. Very widely distributed, it grows best on moist, well drained, porous soils. Easily sheared. Makes good pulp and timber. Ornamental, Christmas tree, windbreak and border.

See price list for available sizes and prices.

BLACK HILLS SPRUCE

(*Picea Glauca Densata*)

One of the varieties of White Spruce. Tree has all the characteristics of the White Spruce but it grows with a denser form than the White Spruce. Same uses as the White Spruce. Ornamental, windbreak, border.



See price list for available sizes and prices.



COLORADO BLUE SPRUCE

(*Picea Pungens Glauca*)

Stiff, sharp pointed four angled single needles are a half-inch to an inch and a quarter long. Colored from a gray green to blue green. Symetrical growing tree which has always been a favorite as an ornamental. Prefers moderately rich well drained gravelly soils. Although it is fairly easy to transplant trees are quite

slow growing. Excellent ornamental, Christmas tree or windbreak.

See price list for available sizes and prices.

DOUGLAS FIR

(*Pseudotsuga Douglasi*)

Soft, flattened, pointed needles are one-half to one and one-half inches long and grow all around the branch. Tree grows dense foliaged and symetrical when young. Prefers moist, well drained soils and sites with good air drainage. Makes a fine ornamental and Christmas tree. Easily transplanted and shears very well. Used for lumber in its native range. Excellent ornamental Christmas tree or windbreak.



BLACK SPRUCE

(*Picea Mariana*)

Dark bluish green needles measuring $\frac{1}{4}$ to $\frac{3}{4}$ of an inch in length. Grows with a slender straight trunk and comparatively short branches. Prefers moist or wet sites but will grow on uplands also. Will grow faster on the upland sites than in swampy conditions. Limited use as a live ornamental but large numbers do reach the Christmas tree market. Easily transplanted and is com-

monly used in the wet poor sites where other Spruce and pines will not grow. Used extensively as pulp tree and limited use for lumber. Windbreak, Christmas tree and border.

See price list for available sizes and prices.

PRICE LIST — FALL 1959, SPRING 1960

VANS PINES, INC.

West Olive, Michigan

9 Miles North of Holland, Michigan on U.S. 31

Hours: Daily 8 to 5; closed Sundays

Telephone EX 6-0702 (Holland)



TERMS: Cash with order please; or 25 percent deposit balance before shipment.

All stock Michigan State inspected and certified to be free from insects or diseases.

All 100 rate quotations are shipped Parcel Post Prepaid unless customer requests other method. All other lots are shipped shipping charges collect.

S. indicates Seedlings. TP. indicates Transplants.

This list cancels all previous lists. Prices are subject to change without notice.

GUARANTEES: All stock is guaranteed to be true to name and variety. If any stock proves otherwise we will not be liable for any amount greater than the original purchase price. No complaints or claims will be adjusted unless made within 10 days after arrival of the stock.

GRADING: All stock graded to meet and surpass grade standards of American Association of Nurserymen. Packed very carefully — using latest methods and best materials. Extra care in grading and packing means better growth and shape when transplanted.

TREES PER ACRE AT DIFFERENT SPACINGS

4 x 4 = 2730 trees 5 x 5 = 1740 trees

6 x 6 = 1210 trees

— MEMBERS —

AMERICAN ASSOCIATION OF NURSERYMEN

MICHIGAN ASSOCIATION OF NURSERYMEN

MICHIGAN WEST SHORE NURSERY ASSOCIATION

MICHIGAN SEEDLING GROWERS ASSOCIATION

We invite you to see these trees growing in the beds. We are also able to show you plantations of Christmas trees grown from our beds. Phone or write for an appointment to see our fields.

We can offer **SPECIAL RATES** on complete beds.

We are offering the following seedlings for fall shipments. All stock is offered subject to prior sale and subject to any damage caused by weather or any other natural cause between date of order and shipping date. All orders will be shipped at the risk and cost of the purchaser unless otherwise denoted. Our liability ceases with delivery of the stock to the carrier. If breakage occurs or if stock suffers through delay in transit claims should be made on the transportation company at once.

Please print your name and address as plainly as possible to prevent error in shipping.

CARING FOR TREES ON ARRIVAL

Bundles should be opened as soon as trees are received and roots be wet or moistened. Generally trees are "heeled in" in trenches if they are not to be planted immediately.

To "heel in" the trees a narrow trench is dug in some moist ground somewhere out of the sun or wind as much as possible. Tree bundles are then set into this trench side by side and soil is pressed firmly around roots. Roots must be kept moist at all times, so soil should be pressed against all of root systems.

Trees can be kept in these trenches until ready to be taken to planting site. A pail with water in it is needed then, and the trees are placed in this unit until taken out to be planted.

WHEN YOUR ORDER ARRIVES

Open bundles carefully and check each item against your order. If you find any shortages, or anything not in accordance with your order, kindly notify us at once and we will make adjustment.

Fall shipping season about September 1 thru November 1.

Spring shipping season about March 15 thru June 15.



VANS PINES, INC., West Olive, Michigan

9 Miles North of Holland, Michigan on U.S. 31

Hours: Daily 8 to 5; closed Sundays

Telephone EX 6-0702 (Holland)



Price List — Fall, 1959 — Spring, 1960

SCOTCH PINE (*Pinus Sylvestrius*)

| | per 100 | per 1000 | per 1000 in 10,000 lots |
|---------------------|---------|----------|----------------------------|
| FRENCH | | | |
| 2-4" 2 yr. S. | \$3.50 | \$10.00 | \$ 9.00 |
| 3-7" 2 yr. S. | 4.00 | 16.00 | 14.00 |
| 4-8" 2 yr. S. | 5.00 | 18.00 | 16.00 |
| 6-10" Special Grade | 6.00 | 20.00 | 18.00 |
| 9-14" 3-0 S.* | 8.00 | 25.00 | 20.00 |

AUSTRIA HILL

| | | | |
|---------------------|------|-------|-------|
| 2-4" 2 yr. S. | 3.50 | 10.00 | 9.00 |
| 4-8" 2 yr. S. | 5.00 | 18.00 | 16.00 |
| 6-10" Special Grade | 6.00 | 20.00 | 18.00 |
| 9-14" 3 yr. S.* | 6.00 | 25.00 | 20.00 |

SCOTCH HIGHLAND

| | | | |
|---------------------|------|-------|-------|
| 2-4" 2 yr. S. | 3.50 | 10.00 | 9.00 |
| 4-8" 2 yr. S. | 5.00 | 18.00 | 16.00 |
| 6-10" Special Grade | 6.00 | 20.00 | 18.00 |
| 9-14" 3 yr. S.* | 8.00 | 25.00 | 20.00 |

SPANISH

| | | | |
|---------------|------|-------|-------|
| 2-4" 2 yr. S. | 3.50 | 10.00 | 9.00 |
| 3-7" 2 yr. S. | 4.00 | 16.00 | 14.00 |

AUSTRIAN PINE (*Pinus Nigra*)

| | | | |
|---------------|------|-------|-------|
| FRENCH | | | |
| 2-4" 2 yr. S. | 3.50 | 10.00 | 9.00 |
| 3-7" 2 yr. S. | 4.00 | 16.00 | 14.00 |

AUSTRIAN

| | | | |
|---------------|------|-------|-------|
| 2-4" 2 yr. S. | 3.50 | 10.00 | 9.00 |
| 3-7" 2 yr. S. | 4.00 | 16.00 | 14.00 |
| 3-8" TP. | 6.00 | 25.00 | 22.50 |

JACK PINE (*Pinus Banksiana*)

| | | | |
|----------------|------|-------|-------|
| 4-12" 2 yr. S. | 5.00 | 12.50 | 11.00 |
|----------------|------|-------|-------|

RED PINE (*Pinus Resinosa*)

| | | | |
|---------------|------|-------|-------|
| 2-5" 2 yr. S. | 3.75 | 12.00 | 10.00 |
|---------------|------|-------|-------|

WHITE PINE (*Pinus Strobus*)

| | | | |
|---------------|------|-------|-------|
| 2-5" 2 yr. S. | 3.75 | 18.00 | 16.00 |
|---------------|------|-------|-------|

PONDEROSA PINE (*Pinus Ponderosa*)

| | | | |
|---------------|------|-------|-------|
| 2-6" 2 yr. S. | 5.00 | 18.00 | 16.00 |
|---------------|------|-------|-------|

NORWAY SPRUCE (*Picea Excelsa*)

| | per 100 | per 1000 | per 1000 in 10,000 lots |
|---------------------|---------|----------|----------------------------|
| 3-6" 2 yr. S. | \$ 5.00 | \$20.00 | \$18.00 |
| 4-8" 2 yr. S. | 6.00 | 22.50 | 20.00 |
| 5-10" Special Grade | 6.50 | 25.00 | 22.50 |
| 4-8" TP. | 8.00 | 40.00 | 36.00 |

WHITE SPRUCE (*Picea Canadensis*)

| | | | |
|---------------------|------|-------|-------|
| 2-4" 2 yr. S. | 3.75 | 18.00 | 16.00 |
| 4-8" 2 yr. S. | 5.00 | 20.00 | 18.00 |
| 5-10" Special Grade | 6.50 | 30.00 | 27.00 |
| 3-7" TP. | 8.00 | 45.00 | 40.00 |

BLACK HILLS SPRUCE

(*Picea Canadensis* Var *Densata*)

| | | | |
|---------------|------|-------|-------|
| 2-4" 2 yr. S. | 3.75 | 20.00 | 18.00 |
| 3-6" 2 yr. S. | 5.00 | 25.00 | 22.50 |
| 3-7" TP. | 8.00 | 45.00 | 40.00 |

COLORADO BLUE SPRUCE

(*Picea Pungens* *Glauca*)

| | | | |
|---------------------|-------|-------|-------|
| 2-4" 2 yr. S. | 3.50 | 20.00 | 18.00 |
| 3-6" 2 yr. S. | 5.00 | 25.00 | 22.50 |
| 5-10" Special Grade | 10.00 | 45.00 | 40.00 |
| 3-7" TP. | 8.00 | 30.00 | 27.50 |

DOUGLAS FIR (*Pseudotsuga Douglasi*)

| | | | |
|---------------------|------|-------|-------|
| 2-4" 2 yr. S. | 3.50 | 20.00 | 18.00 |
| 3-6" 2 yr. S. | 4.50 | 25.00 | 22.50 |
| 4-8" 2 yr. S. | 6.00 | 30.00 | 27.00 |
| 5-10" Special Grade | 8.00 | 35.00 | 32.00 |

ENGELMANN SPRUCE (*Picea Englemanni*)

| | | | |
|-----------------|------|-------|-------|
| 5-10" 3 yr. S.* | 8.00 | 40.00 | 35.00 |
|-----------------|------|-------|-------|

BLACK SPRUCE (*Picea Mariana*)

| | | | |
|---------------|------|-------|-------|
| 4-8" 2 yr. S. | 4.50 | 20.00 | 18.00 |
| 3-8" TP. | 6.00 | 30.00 | 25.00 |

MUGHO PINE (*Pinus Mugho* *Mughus*)

| | | | |
|---------------|------|-------|-------|
| 2-4" 2 yr. S. | 3.50 | 16.00 | 14.00 |
|---------------|------|-------|-------|

Write for quotations on lots of 50,000 or more.

* Indicates stock was root pruned. All 3-0 stock was root pruned at end of second year. This stock retains its fine fibrous root system after root pruning.



JACK PINE

(Pinus Banksiana)

Short flat needles of grayish green color held two in cluster. Grows on light sandy soil in the heavy snow country. Easily transplanted and grow very rapidly for first 20 to 25 years. Not considered very highly for ornamental or Christmas tree use. Makes fine pulp but low grade lumber.

See price list for available sizes and prices.

RED PINE

(Pinus Resinosa)

Widely known as Norway Pine. Dark green needles borne in pairs. Needles from 4" to 6" long. Branches and needles both very flexible. Does well on sandy soil. Easily transplanted but does not respond to shearing as well as Scotch Pine for Christmas tree use. Makes good pulp and lumber. Windbreak, border and Christmas tree.

See price list for available sizes and prices.

PONDEROSA PINE

(Pinus Ponderosa)

Dark green needles 5 to 8 inches long. Grows on well drained uplands and mountain slopes. Has been successfully planted over its natural range and throughout the Eastern U.S. but is not a rapid grower. Limited use for Christmas or ornamental tree. Makes good lumber in its natural range. Good windbreaks and borders.

See price list for available sizes and prices.

ENGELMANN SPRUCE (blue)

(Picea Engelmanni)

Deep blue green needles are soft and flexible. Usually one inch or more in length. Grows in a narrow pyramidal form. Fine ornamental on moist clay loam soils. Easily transplanted and readily sheared. Makes good lumber in its native range. Ornamental, windbreak and border.

See price list for available sizes and prices.



LANDSCAPING SPECIAL

- 2 SPREADING YEWS 6-12"
- 2 UPRIGHT YEWS 6-14"
- 2 PFITZER JUNIPER HETZ 6-12"
- 2 WOODWARD GLOBE ARBOR VITAE 6-12"
- 2 BLACK HILL SPRUCE 6-12"
- 2 PYRAMIDAL ARBOR VITAE 6-12"

All for
\$9.95

Shipped
Postpaid

All sturdy 3 yr. old Northern field grown material.

BLUEBERRY PLANTS SPECIAL

6 for \$7.50 SHIPPED POSTPAID

Large 18-24" bearing age blueberry plants. 2 each of early, midseason and late varieties. Make fine ornamental plant and each plant will bear many pounds of fruit yearly when mature.

EVERGREEN SPECIAL

- 10 Scotch Pine
- 10 Black Hill Spruce
- 10 Austrian Pine
- 10 White Spruce
- 10 Colorado Blue Spruce

All sturdy stock — suitable for garden or landscape planting.

All for \$3.75 Postpaid

LANDSCAPE PLANTING MATERIAL

| | per 10 | per 100 |
|---|--------|---------|
| JAPANESE YEWS — Spreading | | |
| 3 yr. heavy field grown plants 6-12"..... | \$4.80 | \$45.00 |
| JAPANESE YEW — Hicks upright | | |
| 3 yr. heavy field grown plants 6-14"..... | 4.00 | 37.00 |
| PFITZER JUNIPER — Hetz blue | | |
| 3 yr. heavy field grown plants 6-12"..... | 4.50 | 42.00 |
| ARBOR VITAE — Woodward Globe | | |
| 3 yr. heavy field grown plants 6-12"..... | 4.80 | 45.00 |
| ARBOR VITAE — Pyramidal | | |
| 3 yr. heavy field grown plants 6-12"..... | 4.80 | 45.00 |

No charges for packing and boxing.

SHIPPING CHARGES COLLECT



Shipping Information

Seedlings and transplants may be shipped in several ways: Parcel Post, Railway Express, Truck Freight, Rail Freight, Bus Line or Air Express.

The quickest and most reliable method should generally be determined by the customer and we will ship it by that method if possible. Different areas of the country will have different shipping facilities which may determine the way they will want their stock shipped. For instance we found that shipments by mail to Minnesota last year was the fastest method. We got 3-day delivery.

In some instances shipments to the Western States are best sent by bus. In Michigan also bus services gave delivery within a few hours after shipment. Truck lines gave the best service in some areas and in others the railroad was the best service.

To many people served by the Post Office department the best method is Parcel Post. This will give them door-front service and will take large sized shipments. We have shipped orders of more than 100,000 by this method and had excellent results. The stock is packaged in boxes small enough to be handled by the post office and then sent out.

Planting Service

We have made arrangements with one of the oldest, most reliable firms in Michigan to do machine planting for some of our customers who require custom planting.

This firm will travel up to 400 miles from our area to plant. Planting is done on a piece rate basis on a charge of \$10.00 per thousand. A nominal charge for machine transportation may be made if the job is not large enough to cover cost of the movement.

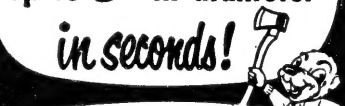
This firm can plant in any soil or terrain condition. Their machine can plant as high as 20,000 trees daily under the most adverse conditions. It will do an excellent job through Beech grass, Sweet or Bracken fern, sumac or any hilly or rocky terrain. Complete details will be furnished on request.

Fall Planting

Fall planting is generally not recommended for any area where there is a possibility of heaving from frost. Generally fall planting is quite successful in the northern area of the country where snow comes early and covers the ground through the winter. The snow acts as an insulator and protects the plants.

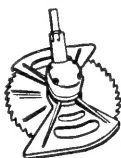
In areas farther south where snow does not cover the ground all winter the ground may thaw and freeze alternately, according to the variations in the weather. This thawing and freezing will pull the young trees out of the ground and damage the root systems. Spring planting is generally better for these areas.

Cut TROUBLESOME
BRUSH and TREES
 up to **5"** in diameter
in seconds!



BRUSH SAW PAT. PENDING ATTACHMENT...

operated by the light-weight Hoffco Power Unit, rapidly cuts growth and trees level to the ground with a 10" circular saw blade, leaving no dangerous stubble. Designed to operate over any land, Brushette is only one of 5 interchangeable Attachments operated by a single Power Unit. Cultivate and clear . . . "from a blade of grass to an 18" tree." Work in upright position. See us for the complete story on Hoffco Portable Power Tools.



| | |
|---|----------|
| 2 H.P. Power Unit and Brushette..... | \$189.95 |
| 3 H.P. Power Unit and Brushette..... | \$201.75 |
| 5 H.P. Power Unit and Brushette..... | \$244.50 |

TIPS ON TREE GROWING

CHOOSE THE RIGHT TREE — Make sure the tree you are planting is the type that will grow into a good Christmas tree, if you are growing Christmas trees, or into a good ornamental, if it is ornamentals you want.

PLANT IT ON THE RIGHT SITE — Do not plant a tree which prefers good drainage on a wet site or trees which prefer light, well-drained soil on heavy soil.

CARE IN HANDLING — Be very careful of your stock when it arrives. Never allow the roots to become dry. If the trees are not to be planted immediately heel them in, in a cool shady space.

DO A GOOD JOB OF PLANTING — Make sure that the trees when they are planted, either by machine or by hand, are firmly placed in the ground without allowing any air pockets underneath the trees or around the roots. Make sure the trees are set upright in the furrow or scalped area. Tree planted crookedly will make crooked growth as they mature.

PLANTATION MAINTENANCE — Small trees must be planted either in a furrow or in a scalped area to eliminate strong weed and grass competition in the first year or two of growth. Some varieties such as spruce might be helped out by a very small shot of fertilizer the first year. As the trees grow the plantation should be protected from insect infestation. Try to keep them as insect and disease free as possible. Keep the plantation clean from weeds and brush growth in order to keep the trees healthy and promote good growth. Spruce and Fir varieties may respond quite well to fertilizer during the growing period.

SHAPING — To make good Christmas or ornamental trees a good shape is necessary. Trees should be watched so that they do not form double tops and other misformed shapes. Shearing should be done at the time of year and according to the best methods for the different varieties.

GRADING AND SELLING — The U.S.D.A. has adopted standards for Christmas trees and the American Association of Nurserymen have standards for nursery stock. Anyone following these standards will be producing and grading top quality material. These standards were established for the trade and were adopted in order to promote a more uniform grade and pricing structure for Christmas trees and nursery stock. All good tree farmers would do well to follow these standards as closely as possible.

FOR FURTHER INFORMATION — Anyone wishing further information on cultural practices, insects and diseases, shearing, grading, marketing and so forth can secure a great deal of this from their local county agent or from their state college. Also if you wish you may write our office and we will forward you free bulletins published by Michigan State University on these various subjects.

ORDER BLANK

VANS PINES, INC. — R. R. No. 1 — WEST OLIVE, MICHIGAN

Your Name

R.F.D. or Street No.

City and State.....

Zone

Shipping Address If Different from Above:

Zone

Shipping Date.....

Ship by: Express ☐ Parcel Post ☐ Other ☐

[illegible]

Orders will be shipped C.O.D. providing a payment of half the amount accompanies the order.

Fifty trees of the same kind and size may be bought at the 100 rate. 500 at 1000 rate.

All prices are F.O.B., West Olive, Michigan.

VANS PINES, INC.

Wholesale Nursery Stock — Christmas Trees

West Olive, Michigan



Return Postage Guaranteed

28. I hope to acquire the
Henry Division of Pittsburgh
Washington 23-2, C.

West Olive, Mich.

